EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	49	604/110 and barrel and plunger and spring and @ay<="2004" and bayonet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:18
L6	63	604/110 and plunger and spring and @ay<="2004" and bayonet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:18
L7	168	604/110 and plunger and spring and @ay<="2004" not L5 not L6 and rotation$2 and disengag$5	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:18
L8	69	syringe and plunger and compressed near spring and @ay<="2004" and rotation$4 near6 disengag $5 not L7	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:18
L9	103	604/110 and plunger and spring and @ay<="2004" not L5 not L6 and rotation $2 and disengag$5 and seal	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:19
L10	157	604/110 and plunger and spring and @ay<="2004" not L5 not L6 and rotation $2 and disengag$5 and second plunger	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:19
L11	11	604/110 and plunger and spring and @ay<="2004" not L5 not L6 and rotation $2 and disengag$5 and second near plunger	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:19
L12	0	604/110 and plunger and spring and @ay<="2004" not L5 not L6 and rotation $2 and disengag$5 and bayonet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:24
L13	13	604/110 and plunger and spring and @ay<="2004" not L5 not L6 and rotation $2 and disengag$5 and bay$4	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:24

S1	61	((SHU-MING) near2 (CHANG)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/24 11:56
S2	0	((SHU-MING) near2 (CHANG)).INV.	EPO; JPO; DERWENT	OR	OFF	2010/09/24 11:57
S3	3668	604/110	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 12:24
S4	1335	604/110 and barrel and plunger	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:06
S5	426	604/110 and barrel and plunger and break	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:06
S6	570	604/110 and barrel and plunger and break$4	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:06
S8	286	604/110 and barrel and plunger and break$4 and rotat$3 and needle	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:09
S9	142	604/110 and barrel and plunger near6 break$4 and rotat$3	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:10
S10	3	"7276049"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:46
S11	2	"7393340"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:46
S12	4	"7410478"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:46
S13	301	604/110 and barrel and plunger and break$4 and rotat$3	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 19:47
S14	0	("2010/0063443").URPN.	USPAT	OR	OFF	2010/09/28 17:52
S15	1313	604/110 and barrel and plunger and syringe	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 17:52

S16	717	604/110 and barrel and plunger and spring	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 17:53
S17	615	604/110 and barrel and plunger and spring and @ay<="2004"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 17:53
S18	49	604/110 and barrel and plunger and spring and @ay<="2004" and bayonet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 17:54
S19	63	604/110 and plunger and spring and @ay<="2004" and bayonet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:11
S20	14	604/110 and plunger and spring and @ay<="2004" and bayonet not S18	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:11
S21	843	604/110 and plunger and spring and @ay<="2004" not S18 not l&	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:25
S22	829	604/110 and plunger and spring and @ay<="2004" not S18 not S19	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:25
S23	166	604/110 and plunger and spring and @ay<="2004" not S18 not S19 and rotation$2 and disengag $5	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:26
S24	10	"7500967"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:30
S25	34	"5429613"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:32
S26	0	plunger and compressed near spring and @ay<="2004" not S18 not S19 and disengag$5 notL11	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 19:39
S27	1447	plunger and compressed near spring and @ay<="2004" not S18 not S19 and disengag$5 not S23	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 19:39

S28	138	plunger and compressed near spring and @ay<="2004" and rotation$4 near6 disengag $5 not S23	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 19:40
S29	69	syringe and plunger and compressed near spring and @ay<="2004" and rotation$4 near6 disengag $5 not S23	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 19:40
S30	9	((JOSEPH) near2 (KAAL)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/28 19:42
S31	33	"5112316"	USPAT	OR	OFF	2010/09/28 19:47
S32	35	"5324265"	USPAT	OR	OFF	2010/09/28 19:56
S33	6	US-5180370-$.DID. OR US-6090077-$.DID. OR US-6221052-$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/28 20:00
S34	12	US-5167641-$.DID. OR US-5984898-$.DID. OR US-6039713-$.DID. OR US-6569115-$.DID. OR US-6527742-$.DID. OR US-2794650-$.DID. OR WO-2001030427-$.DID. OR EP-0347742-$.DID. OR WO-1993025257-$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/28 20:01

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	43	604/110 and plunger and spring and @ay<="2004" not "L5" not "L6" and rotation$2 and disengag$5 and bay $4	USPAT; UPAD	AND	ON	2011/02/28 10:48
L15	50	604/110 and plunger and spring and rotation $2 and disengag$5 and bay$4	USPAT; UPAD	AND	ON	2011/02/28 10:49

| L16 | 14 | 604/110 and plunger and spring and rotation $2 and disengag$5 and second near plunger | USPAT; UPAD | AND | ON | 2011/02/28 10:49 |
| L17 | 12 | 604/110 and plunger and spring and rotation $2 and disengag$5 and second near plunger and seal | USPAT; UPAD | AND | ON | 2011/02/28 10:49 |

2/28/2011 11:25:52 AM
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